



Normande Genetics is an independently owned company launched in 1997 with the mission of introducing the Normande breed to North American dairies. We feel that ultra specialized U.S. dairy breeds are showing signs of functional fatigue with very low fertility and longevity in both intensive and grass-based systems. By contrast, the Normande is a wholesome cow that has retained more balanced traits such as muscularity, body condition, fertility and low grain adaptability.

For these reasons, Normande genetics have its place in any cross breeding program, whether it be in intensive or grass-based operations. While boosting strength and body condition, fertility and longevity, the Normande stands out among all breeds used in cross-breeding programs for the remarkable added value it brings. Normande cows show some of the highest components of all breeds, in addition to unique cheese and beef qualities, as well as exceptional docility.

Studies in both France and the U.S. have shown that the Normande x Holstein crosses perform better than the parent breeds, providing a higher lifetime profit than Holstein purebreds.

strength & fertility

- body condition & sturdiness: their dual-purpose qualities help Normande cows maintain excellent condition and health on very little grain or no grain.
- fertility: many studies show the superior fertility of the breed vs. other specialized dairy breeds.
- vigorous & strong calves: easy to raise calves with a good premium in both U.S. and European markets.
- docility: Normande cows and bulls are known for their excellent disposition.
- reliable genetics: close to 200,000 cows on test and many new bulls every year using the most advanced genomics and testing techniques.



added value

- exceptional components: 4.3 fat and 3.67 protein reflect the fact that the Normande has been selected for centuries for good quality butter and cheeses.
- cheese making: experts say it's an ideal milk for cheese thanks to high protein, well sized fat miscelle and high BB kappa casein incidence. BB kappa casein milk yields up to 10% more cheese than AA kappa casein.
- A2A2: one of the highest A2A2 breeds.
- beef quality: unique marbling and early maturing qualities for steers and cull cows finished on grass make Normande one of France's most successful beef labels.
- branding power: selling added value products means selling a story. Normande cows are the source of one of the world's most famed cheeses, Camembert, along with other highly regarded cheeses, cream and butter, as well as marbled steaks.
- distinctive appearance: the Normande breed's tri-colored, brindled coat and ringed eyes are attention getting—in the pasture and marketing material, adding to its branding power.

A few tips to understand our proofs

ISU = French Normande TPI = 26% production (12% F + 14% P) + 21.25% type (4.5% muscularity + 3% frame + 6.5% feet & legs + 7.25% udder) + 12.5% veal & steer value + 16% udder health (9.5% cell + 6.5% mastitis) + 13.5% fertility + 6% longevity + 4.75% milk speed

Beef value composite: 15% frame + 22.5% muscularity + 11.25% veal growth + 10% veal conformation + 2.25% veal color + 11.25% steer growth + 27.5% steer conformation

Feet & legs composite: 30% rear legs rear view + 23% rear legs side view + 20% locomotion + 16% bone quality + 11% foot angle

Sire and daughter calving ease: average equals 89. 90 is a better calving ease; 88 is less calving ease.

For all criteria below, "0" is optimum.

- rump angle: + is sloped.
- back line: + is curved up.
- rear legs side view: + is posty.
- rear legs rear view: + is straight.
- foot angle: + is steep.
- udder balance: + is high rear quarters.
- teat direction: + is internal.

Functional traits: positive values are desirable for all.

Why crossbreeding?

Crossbreeding with Normande brings the double advantage of hybrid vigor and the use of a "strength" breed. Hybrid vigor eliminates inbreeding and seems to provide synergy for health and production traits; strength and body condition are equally important to health and fertility. Please keep in mind that a rotational 3 way cross is the best way to maintain hybrid vigor effects.

aAa® numbers

Honess	423561
Horleans	435261
Infinity	423516
Jefroid	543162
Jesse	342516
Jibraltar	435261
Lamier	531426
Landel	345216
Licorice	453216
Loky	531426
Maanonu	456312
Marvel	432516
Medellin	432561
Monza	432561

bulls with high conception semen

- +++ Jefroid
- Licorice
- ++ Horleans
- Honess
- Icarius
- Infinity
- Jibraltar
- Jorino
- Lepanto
- Loky
- Maanonu

Normande proof and price list – production and type breeding values – fall 2018

	production								type														functional traits										pedigree				price														
	reliability	daughters	ISU (Normande TPI)	P	F	P+F	P%	F%	milk	reliability	stature	body width	body depth	width at pins	rump angle	back line	muscularity	body condition	beef value composite	rear legs side view	rear legs rear view	bone quality	foot angle	locomotion	feet & legs composite	fore udder attachment	udder balance	udder depth	rear attachment	teat direction	front teat placement	ligament	udder composite	milk speed	temperament	somatic cell count		clinical mastitis	udder health composite	longevity	fertility cows	fertility heifers	calving-1st AI interval	fertility composite	sire calving ease	daughter calving ease	kappa casein	beta casein	sire	maternal grand sire	NAAB code
Horleans	95	542	127	48	81	130	0.04	0.15	1333	95	-0.2	0.0	-0.4	-0.8	0.4	0.7	-0.2	-0.4	-0.9	-0.7	0.3	1.1	0.2	0.1	0.1	0.5	0.7	-0.3	0.0	-0.8	-1.3	0.5	-0.1	-0.1	1.2	1.1	-0.6	0.2	0.9	0.8	-0.6	0.3	0.4	93	92	BB	A2A2	Finois	Uperise	020N022	\$20
Honess	95	354	106	48	73	121	0.01	0.07	1390	93	0.9	-0.3	0.5	-1.6	-0.6	0.7	-2.0	-2.1	-3.2	-1.0	1.5	-0.3	-0.9	-0.9	-0.6	1.0	-0.3	0.4	1.1	1.1	1.1	0.5	0.7	-1.0	0.2	0.8	-0.3	0.2	0.5	1.0	0.1	-0.5	0.6	91	91	BB	A2A2	Aubray	Uvray	213N035	\$20
Interpool	72	0	123	37	64	101	0.05	0.19	816	70	-1.1	-0.9	-1.0	-1.5	-0.1	-0.8	-0.9	-0.6	-1.2	0.4	0.7	0.5	-0.4	-0.3	0.1	0.9	0.1	-0.3	0.6	1.0	1.1	0.2	0.4	-0.1	0.1	1.4	-0.4	0.5	0.2	0.5	0.7	-0.5	0.4	93	93	BB	A2A2	Gallegos	UTC	020N024	\$18
Jibraltar	70	0	133	55	77	132	0.04	-0.05	1747	68	0.3	0.4	0.3	-0.1	-0.9	1.0	-0.8	-0.3	0.3	0.4	0.4	0.1	0.6	-0.2	0.4	0.3	0.3	0.6	1.1	1.0	0.6	0.2	0.6	0.1	-0.2	-0.4	-0.2	-0.3	0.5	0.6	0.3	-0.6	0.4	92	92	AB	A2A2	Greman	Alma	020N026	\$20
Infinity	70	0	153	81	55	136	0.25	-0.11	1723	69	0.8	0.1	0.0	0.6	0.1	0.7	-0.1	-0.8	0.8	0.6	0.3	0.9	0.7	1.0	0.9	-0.2	0.5	1.1	1.7	0.3	0.0	0.7	0.8	-0.8	-0.8	0.4	0.2	0.4	0.3	1.7	-0.1	0.4	1.4	90	90	BB	A2A2	Game Over	Saintyorre	183N040	\$22
Icarius	70	0	130	51	68	119	0.08	0.10	1340	68	-0.2	0.0	0.1	-0.2	-0.6	-0.5	-0.6	-0.1	0.2	0.2	0.5	0.5	-0.1	0.8	0.4	0.7	0.8	0.2	1.4	0.3	0.0	1.0	0.7	-0.4	0.6	-0.2	0.1	0.0	0.0	0.4	0.3	0.3	0.5	92	92	AB	A2A2	Ayala	Uperise	183N018	\$20
Jesse	69	0	156	73	73	145	0.01	-0.09	2112	67	0.1	0.0	-0.1	0.0	0.6	0.2	0.3	0.0	1.6	-0.6	0.1	0.3	0.8	0.7	0.4	1.0	1.3	-0.2	0.7	0.2	-0.3	0.4	0.5	0.0	-0.3	0.5	0.6	0.6	0.5	0.8	-0.3	0.3	0.5	92	92	AB	A2A2	Fornells	Uvray	183N041	\$22
Jefroid	70	0	130	55	53	108	0.12	-0.01	1406	69	0.4	0.6	0.2	0.0	-0.9	-0.4	1.3	1.2	0.7	1.2	0.5	1.0	0.2	0.9	0.9	0.6	0.0	0.2	0.6	0.2	0.4	0.4	0.4	-0.7	-0.2	0.1	-0.1	0.0	0.3	-0.4	0.4	0.0	-0.2	90	90	BB	A2A2	Guarana	Arnica	183N039	\$20
Insoumis	69	0	128	46	55	101	-0.04	-0.18	1674	68	0.3	-1.0	-0.3	0.6	-0.2	-0.4	-0.8	-1.2	-0.7	-0.3	0.3	-0.3	-0.9	-0.8	-0.6	0.3	0.8	0.7	0.1	0.5	0.4	1.5	1.0	0.7	0.4	0.2	-0.3	0.0	0.9	0.7	0.3	-0.2	0.5	91	91	BB	A2A2	Guilmo	Unnoel	020N025	\$18
Jorino	69	0	119	33	31	64	-0.11	-0.34	1450	67	-0.5	-0.5	-0.5	-0.6	-0.6	-0.2	-0.4	-0.3	-1.0	0.9	0.8	-0.1	0.6	1.1	0.9	1.1	0.8	0.3	1.7	0.4	0.8	0.5	0.8	0.0	0.3	0.3	-0.5	-0.1	0.8	0.2	0.7	-0.7	0.2	93	93	AB	A2A2	Gamma	Ulozon	183N038	\$20
Licorice	69	0	118	42	37	79	0.20	0.12	425	68	0.7	0.0	0.45	-0.3	0.8	0.0	-0.3	-0.5	-1.7	1.1	-0.6	0.1	-0.2	0.6	0.3	0.9	0.9	0.5	1.0	0.2	-0.1	1.0	0.8	-0.3	0.3	0.0	0.5	0.3	0.4	0.9	0.7	-0.4	0.8	93	93	BB	A2A2	Iroquois	Atome	183N043	\$20
Landel	69	0	147	75	117	191	-0.08	0.00	2585	68	-0.1	-0.4	0.0	-0.1	-0.9	0.2	-0.5	-0.5	-0.1	0.3	0.3	0.1	0.5	0.7	0.5	1.5	1.7	1.0	0.9	0.7	0.6	0.1	1.2	-0.3	0.3	0.3	-0.9	-0.3	0.3	1.3	0.4	-1.1	0.7	93	92	AB	A2A2	Handelles	Bouclier	183N045	\$24
Lamier	69	0	143	55	79	134	0.00	0.15	1395	68	-0.6	-0.6	-0.7	-0.9	1.3	0.4	-0.3	0.0	-0.1	1.1	1.7	-0.7	1.1	0.7	1.2	0.7	1.0	0.6	0.8	0.6	0.4	0.1	0.8	0.3	0.6	0.7	0.2	0.5	0.5	-0.6	0.0	0.1	93	92	AB	A2A2	Holen Noz	Fambrien	183N046	\$23	
Loky	67	0	133	40	24	64	0.11	-0.07	746	66	0.1	0.6	0.2	0.4	0.2	0.1	0.9	1.1	-0.1	0.7	0.7	0.9	1.0	1.2	1.2	0.5	1.3	0.9	1.2	0.1	0.6	0.2	1.0	0.0	0.0	-0.4	0.8	0.3	0.3	0.7	0.3	1.6	1.1	92	92	BB	A2A2	Idarauca	Atome	183N049	\$22
Maanonu	69	0	152	95	97	191	0.05	-0.10	2724	67	0.0	-0.4	0.5	-0.8	-0.2	-0.4	-1.1	-1.1	-1.1	0.4	0.2	0.3	0.7	0.5	0.6	1.1	1.1	0.6	1.4	0.7	1.0	0.9	1.2	0.5	0.2	0.6	0.8	0.7	0.4	0.6	0.3	-0.3	0.4	92	92	AB	A2A2	Fortain	Folden	183N053	\$25
Monza	66	0	148	53	42	95	0.13	-0.04	928	65	-0.4	-0.2	0.1	0.4	0.1	0.5	-0.3	0.4	0.9	-0.2	1.3	-1.0	-0.2	-0.1	0.0	0.6	1.7	0.7	1.0	1.0	0.1	0.3	1.0	0.2	0.4	1.4	0.8	1.2	0.4	0.5	-0.2	-0.1	0.3	90	90	BB	A2A2	Iffondor	Atome	183N050	\$24
Marvel	66	0	153	95	88	183	0.16	-0.09	2358	65	1.2	0.4	1.0	1.5	-1.6	0.3	-0.2	-0.5	-0.1	0.0	0.5	1.3	0.5	1.2	0.8	0.9	1.1	1.6	1.6	0.7	0.9	0.6	1.4	-0.5	-0.3	0.2	0.4	0.4	0.5	0.4	0.2	0.4	0.5	90	90	AB	A2A2	Infinity	Glass	183N054	\$27
Lacanau	69	0	130	44	62	106	-0.01	-0.04	1417	67	1.7	0.5	1.7	1.3	0.7	1.1	0.7	-0.8	0.2	2.5	0.1	0.6	1.9	1.6	1.9	0.9	0.5	0.2	0.3	0.2	0.4	0.7	0.6	-0.4	0.7	0.3	-0.1	0.1	0.5	-0.5	-0.7	-0.3	-0.7	90	91	BB	A2A2	Haliba	Vademecum	020N028	\$20
Medellin	67	0	159	75	121	196	0.07	0.29	1643	65	0.1	0.6	1.3	-0.2	-0.2	0.1	0.3	0.6	0.6	-0.1	-0.6	1.0	-0.1	0.6	0.1	1.8	1.4	0.2	0.1	0.3	-0.3	0.0	0.7	0.1	-0.3	0.5	0.8	0.7	0.6	0.8	0.8	-0.7	0.6	89	89	BB	A2A1	Inexces	Geysier	020N030	\$20
Mercure	66	0	134	55	110	165	-0.02	0.25	1417	65	0.0	0.1	0.1	0.5	-1.0	-0.7	-1.5	-1.7	-0.8	0.0	0.7	-0.1	0.1	-0.4	0.1	1.0	0.9	0.0	0.8	1.3	0.4	0.4	0.7	-0.1	1.3	1.4	0.3	0.9	0.7	-0.6	-1.1	-0.8	-1.1	89	89	BB	A2A1	Idark	Gist Mad	020N029	\$20
Lepanto SS*	69	0	132	55	88	143	0.11	0.24	1245	68	0.9	0.5	1.5	0.3	0.6	-0.3	0.2	-0.1	0.0	-0.1	0.4	0.1	0.1	0.8	0.3	0.7	0.7	0.1	0.7	-0.1	0.7	0.7	0.7	0.0	0.1	0.4	-0.3	0.0	-0.1	-0.1	0.7	-0.3	0.1	92	91	BB	A2A2	Hammer	Uvray	183N051	\$58
Loumis SS*	69	0	132	40	48	88	0.03	-0.04	1063	68	0.6	-0.3	0.3	0.9	-0.1	0.1	-0.9	-1.1	-0.9	0.2	1.9	0.5	1.0	0.9	1.1	0.8	0.5	1.5	0.7	0.4	0.1	0.5	1.0	0.2	0.5	0.5	0.4	0.5	1.1	0.6	-0.3	-0.5	0.1	90	89	BB	A2A1	Halonzo	Blueberry	183N052	\$58

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How to get semen: